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SOURCE Periodicals and book as indicated.

ROLLING STOCK AND LOCOMOTIVES IN CHINA, 1934 - 1948

The following report gives information on the number of locomotives and rolling stock in operation in China between 1934 and 1948. It is divided into two sections, a section on China proper, including the Northeast, which covers the period between 31 December 1944 and September 1948, and another section on the Northeast alone, which covers the period between 1934 and July 1945.

/Numbers in parentheses refer to appended sources./

A. China Proper

1. Number of rolling stock and locomotives in operation in China between 1944 and 1946:

Date	Locomotives	Pass Cars	Frt Cars	Special Cars
31 Dec 1944	207	446	2,307	90
31 Dec 1945	2,082	2,748	25,881	1,114
31 Dec 1946	3,175	3,757	37,284	

2. Total number of locomotives, passenger cars, and freight cars in operation in 1946, by various railway districts:

<u>Railway Districts</u>	<u>Locomotives</u>	<u>Pass Cars</u>	<u>Frt Cars</u>
Nanking-Shanghai	161	352	2,337
Tientsin-P'u-k'ou	403	390	5,222
Peiping-Hankow	283	193	2,277
Peiping-Tientsin	399	438	3,885
Canton-Hankow	156	226	2,112
Lung-Hai	194	323	2,762
Shansi-Hopeh	244	199	1,684
Chekiang-Kiangsu	13	16	147
Hanan-Kwangsi-Kweichow	297	469	3,178

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<u>Railway Districts</u>	<u>Locomotives</u>	<u>Pass Cars</u>	<u>Frt Cars</u>
Szechwan-Yunnan	25	40	189
Yunnan-Viet Nam	31	40	337
Chiang-nan	2	1	21
Huai-nan	16	17	310
Northeast	365	419	3,732
Ch'ang-ch'un	306	168	2,841
Hainan Island	29	2	276
Taiwan	246	464	5,974 (1)

3. Number of locomotives and rolling stock in operation on national rail-
ways in China in 1947:

<u>Mo</u>	<u>Locomotives</u>	<u>Pass Cars</u>	<u>Frt Cars</u>
Mar	1,947	3,037	25,612
Apr	1,815	2,903	25,594
May	1,995	2,968	25,535
Jun	1,954	2,715	26,164
Jul	2,057	2,882	26,196
Aug	2,078	3,015	25,719
Sep	2,145	3,090	25,770
Oct	2,025	3,098	25,790
Nov	2,100	3,145	24,733
Dec	2,171	3,338	25,027 (2)

4. Number of locomotives and rolling stock in operation on national rail-
ways in China in 1948:

<u>Mo</u>	<u>Locomotives</u>	<u>Pass Cars</u>	<u>Frt Cars</u>
Jan	2,307	3,618	30,080
Feb	2,299	3,469	28,459
Mar	2,230	3,417	28,827
Apr	2,248	3,447	29,781
May	2,337	3,453	29,200
Jun	2,437	3,704	32,256
Jul	2,467	3,698	31,254
Aug	2,464	3,673	30,937
Sep	2,477	3,694	31,354 (3)

B. Northeast

1. Total number of rolling stock and locomotives in Northeast China be-
tween 1934 and 1945:

<u>Date</u>	<u>Locomotives</u>	<u>Pass Cars</u>	<u>Frt Cars</u>	<u>Oil Cars</u>	<u>Other Track Cars</u>
Mar 34	916	1,265	15,179	83	70
Mar 35	1,094	1,525	18,229	101	106
Mar 36	1,250	1,701	20,021	112	119
Mar 37	1,384	2,109	21,974	120	176
Mar 38	1,497	2,239	23,657	124	176
Mar 39	1,617	2,404	26,987	123	178
Mar 40	1,786	2,609	30,056	133	177
Mar 41	1,946	2,814	32,353	141	174
Mar 42	2,100	2,984	35,781	141	173
Mar 43	2,265	3,194	39,309	141	171
Mar 44	2,399	3,049	41,826	141	169
Mar 45	2,422	3,061	41,984	141	171

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In 1945, there also were 23 repair and crane cars in the Northeast which were not included in the above table.

2. Total number of locomotives in the Northeast in 1945, by types:

a. Passenger Locomotives

	<u>No</u>
Pacific type, "I" model	177
" " "Sha" model	46
" " "Hsi" model	29
" " "Ha" model	17
" " "Fu" model	14
" " "Na" model	12
Ten-wheel type	22
Other types	35
Total	352

b. Freight Locomotives

	<u>No</u>
Mikado type, "I" model	1,115
" " "Lo" model	309
" " "Sha" model	63
" " "Ni" model	41
Decapod type, "I" model	62
" " "Ni" model	45
Other types	31
Total	1,666

c. Miscellaneous Locomotives

	<u>No</u>
Shuang-tuan [Mallet?]	67
Stationary	64
Meng-ko [Mopul type?]	50
Other types	223
Total	404

3. Total number of passenger cars in the Northeast in 1945, by types:

	<u>No</u>
First-class cars	63
First and second-class cars	36
Second-class cars	362
Second and third-class cars	202
Third-class cars	1,851
Dining cars	47
Mail cars	144
Baggage cars	211
Others	145
Total	3,061

4. Total number of freight cars in the Northeast in 1945, classified as to standard and nonstandard gauge, by types:

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a. Standard Gauge (total, 41,435)

(1) Closed

	<u>No</u>
Boxcars	8,876
Refrigerator cars	45
Heated cars	80
Insulated cars	340
Ventilated cars	92
Cattle cars	93
Total	9,526

(2) Open

	<u>No</u>
Open cars	24,280
Gravel cars	908
Flatcars	2,564
Lime cars	1,971
Ore cars	78
Total	29,801

(3) Tank Cars

	<u>No</u>
Water cars	46
Hydrochloric acid cars	1
Bean-oil cars	52
Petroleum cars	8
Heavy-oil cars	88
Light-oil cars	148
Tar cars	59
Sulfuric acid cars	14
Paraffin cars	15
Ammonia cars	4
Total	435

(4) Other Freight Cars

	<u>No</u>
Guard cars	1,258
Electric generator cars	5
Emergency cars	348
Bunk cars	8
Snow plow cars	1
Ash-carrying cars	50
Inspection cars	3
Total	1,673

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b. Nonstandard Gauge (total, 549)

(1) Wide-Gauge Freight Cars

	<u>No</u>
Boxcars	176
Emergency cars	16
Open cars	152
Bean-oil tank cars	20
Total	364

(2) Special Cars (gauge not specified)

	<u>No</u>
Boxcars	60
Guard cars	8
Open cars	56
Coal cars	8
Bean-oil tank cars	4
Total	136

(3) Freight Cars for Mill Use Only (gauge not specified)

	<u>No</u>
Boxcars	1
Open cars	16
Gravel cars	27
Flatcars	5
Total	49

All open freight cars had a load capacity of 30 metric tons, with the exception of a few small cars and about 150 cars with a 40-metric-ton load capacity.

All closed freight cars had a load capacity of 30 metric tons, with the exception of 80 small cars, 230 cars with a 40-metric-ton capacity, 110 cars with a 50-metric-ton capacity, and 5 cars with a 60-metric-ton capacity.

All coal cars had a loading capacity of 40 metric tons, with the exception of 140 cars with a 50-metric-ton capacity, and 670 cars with a 60-metric-ton capacity.(4)

5. Logging Railways in the Northeast

<u>Name of Line</u>	<u>Gauge</u> (m)	<u>Length</u> (km)	<u>Jet Pt of Spurs</u>	<u>Locomotives</u>			
				<u>Steam</u>	<u>Gas</u>	<u>Diesel</u>	<u>Cars</u>
Ya-pu-li	0.762	32.9	Ya-pu-lo-ni	--	--	4	188
Ku-ch'eng-chen	0.762	26.7	Ku-ch'eng-chen	--	5	--	97
Mu-tan-chiang	0.762	132.8	Ch'ai-ho	15	21	--	821
Tung-ching-ch'eng	0.762	25.8	Tung-ching-ch'eng	--	5	--	400
T'ien-ch'iao-ling	0.762	96.6	T'ien-ch'iao-ling	--	18	2	758
Sha-tung	0.762	26.8	Sha-tung	--	4	--	55
Shih-li-p'ing	0.762	20.5	Shih-li-p'ing	--	8	--	304
Lung-an	0.762	121.5	Pa-chia-tzu	13	19	--	493

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Name of Line	Gauge (m)	Length (km)	Jct Pt of Spurs	Locomotives			Cars
				Steam	Gas	Diesel	
No-min-ho	0.762	54.6	Sui-leng	6	--	3	450
I-chi-mi	0.762	20.5	T'ien-shan-t'un	--	6	--	140
Sheng-lang	0.762	19.4	Sheng-lang	--	--	4	128
Tai-ling	0.762	26.0	Tai-ling	--	8	--	88
La-lin Ho	0.762	87.5	Shan-ho-t'un	3	9	3	493
Wu-tao-kou	0.762	76.5	Wu-tao-kou	2	11	--	280
Heng-tao-ho-tzu	{ 1.435 0.750	{ 7.0 58.9	Heng-tao-ho-tzu	8	--	--	183
O-mu	0.762	81.6	Huang-ni Ho	4	7	--	364
Hsin-k'ai	0.762	34.7	Tun-hua	3	4	--	156
Sha-ho	0.762	36.6	Ta-shih-ch'iao	3	4	--	92
Ch'ung-ho	1.524	78.7	Hsiang Ho	6	--	--	70
Erh-tao-hai-lin	0.762	40.0	Ch'ang-k'ou-hai-lin	--	4	--	50
Wu-ch'a-kou	0.762	35.0	Wu-ch'a-kou	--	4	--	520
Shui-wan-tzu	1.435	1.4	Shui-wan-tzu	--	--	--	--
Ta-lo-la-mi	0.610	30.7	(Along the bank of Sung-hua Chiang)	--	--	--	--
Ma-an-shan	0.762	11.3	Ma-an-shan	--	--	--	--
Ya-pu-lo-ni	1.435	101.5	Ya-pu-lo-ni	10	--	--	45
Lin-chiang	{ 1.435 0.762	{ 3.7 45.6	Lin-chiang	8	--	--	300
Hai-lin	1.435	54.0	Hai-lin	5	--	--	--
T'ang-lin	1.435	127.0	Nan-ch'a	13	--	--	--
Hsiao-wang-ch'ing	0.762	73.0	Hsiao-wang-ch'ing	9	3	--	192
Ya-k'o-shih	1.435	136.0	Ya-k'o-shih	5	--	--	--
Po-k'o-t'u	1.435	125.0	Po-k'o-t'u	6	--	--	--
Total		1,849.7		119	142	16	6,668 (4)

SOURCES

1. T'ung-chi Yueh-pao (Statistical Monthly), No 115, 116, Bureau of Statistics, National Government, Nanking, Mar - Apr 1947
2. Ibid., No 125, 126, Jan - Feb 1948
3. Ibid., No 135, 136, Nov - Dec 1948
4. Tung-pei Ching-chi Hsiao-ts'ung-shu (Northeast Economic Handbook), No 15, Transportation, Research Section, Northeast Resources Control Commission, Mukden, Feb 1948

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